

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	1298560
<b>Application Number:</b>	10539956
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	9208
<b>Title of Invention:</b>	Vmp-like sequences of pathogenic borrelia species and strains
<b>First Named Inventor/Applicant Name:</b>	Steven J. Norris
<b>Customer Number:</b>	32425
<b>Filer:</b>	Travis Wohlers/John Byron
<b>Filer Authorized By:</b>	Travis Wohlers
<b>Attorney Docket Number:</b>	UTSH:264US
<b>Receipt Date:</b>	07-NOV-2006
<b>Filing Date:</b>	06-APR-2006
<b>Time Stamp:</b>	16:44:32
<b>Application Type:</b>	U.S. National Stage under 35 USC 371

### Payment information:

Submitted with Payment	no
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### File Listing:

Document Number	Document Description	File Name	File Size(Bytes)	Multi Part /.zip	Pages (if appl.)
1		REFC51C60.pdf	7501465	yes	85

	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	NPL Documents		1	7	
	NPL Documents		8	20	
	NPL Documents		21	29	
	NPL Documents		30	40	
	NPL Documents		41	47	
	NPL Documents		48	53	
	NPL Documents		54	59	
	NPL Documents		60	66	
	NPL Documents		67	77	
	NPL Documents		78	85	
	Warnings:				
Information:					
2		REFC61C70.pdf	6855671	yes	93
	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
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	NPL Documents		8	17	
	NPL Documents		18	23	
	NPL Documents		24	30	
	NPL Documents		31	43	
	NPL Documents		44	56	
	NPL Documents		57	64	

	NPL Documents	65	74
	NPL Documents	75	85
	NPL Documents	86	93

**Warnings:**

**Information:**

3		REFC71C80.pdf	5372396	yes	63
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	<b>Multipart Description/PDF files in .zip description</b>				
	<b>Document Description</b>		<b>Start</b>	<b>End</b>	
	NPL Documents		1	5	
	NPL Documents		6	13	
	NPL Documents		14	18	
	NPL Documents		19	24	
	NPL Documents		25	28	
	NPL Documents		29	33	
	NPL Documents		34	43	
	NPL Documents		44	52	
	NPL Documents		53	60	
	NPL Documents		61	63	

**Warnings:**

**Information:**

4		REFC81C90.pdf	6344538	yes	85
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	<b>Multipart Description/PDF files in .zip description</b>				
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	NPL Documents		32	39	
	NPL Documents		40	48	
	NPL Documents		49	55	
	NPL Documents		56	66	
	NPL Documents		67	67	
	NPL Documents		68	81	
	NPL Documents		82	85	
Warnings:					
Information:					
5		REFC91C96.pdf	4480623	yes	57
	Multipart Description/PDF files in .zip description				
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	NPL Documents		17	23	
	NPL Documents		24	30	
	NPL Documents		31	37	
	NPL Documents		38	46	
	NPL Documents		47	57	
Warnings:					
Information:					
Total Files Size (in bytes):			30554693		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

**New Applications Under 35 U.S.C. 111**

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

**National Stage of an International Application under 35 U.S.C. 371**

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.